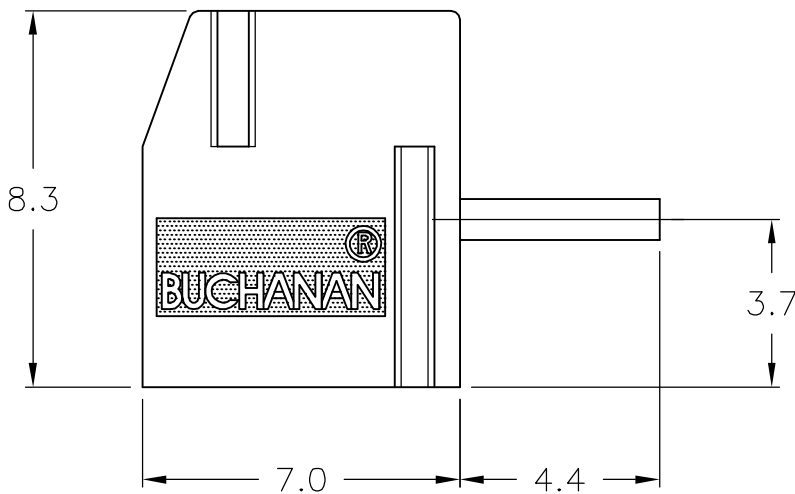
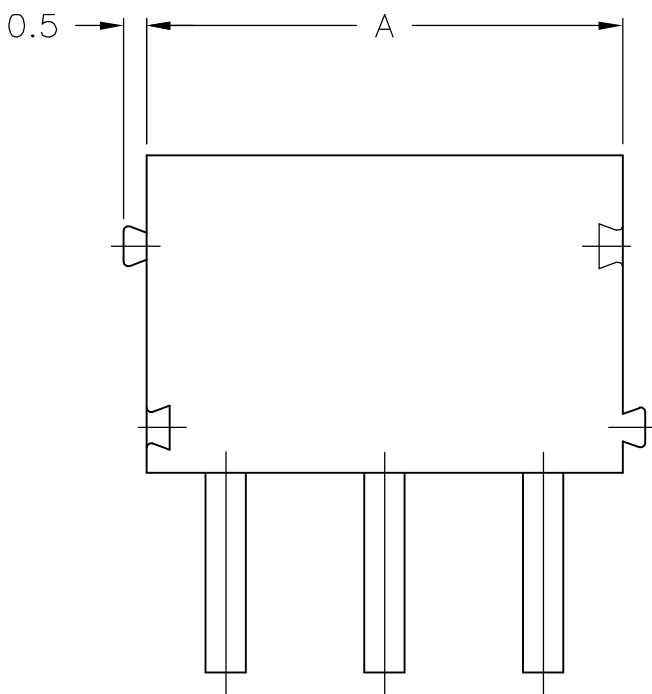
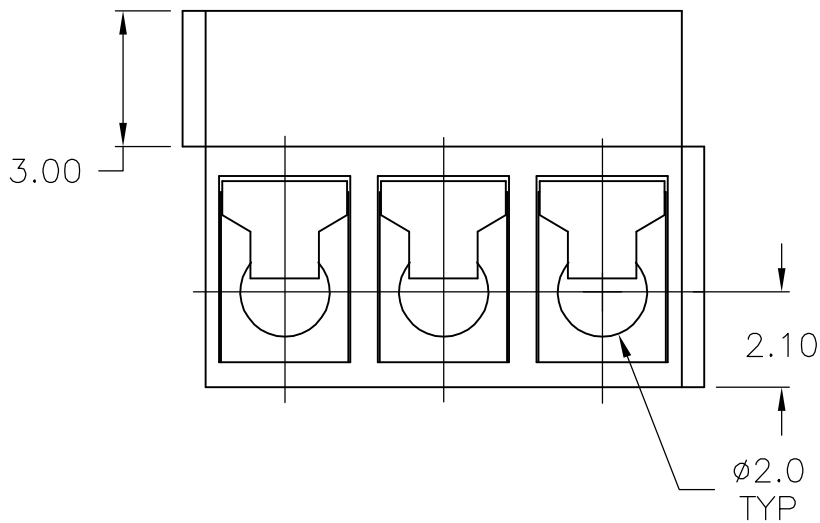
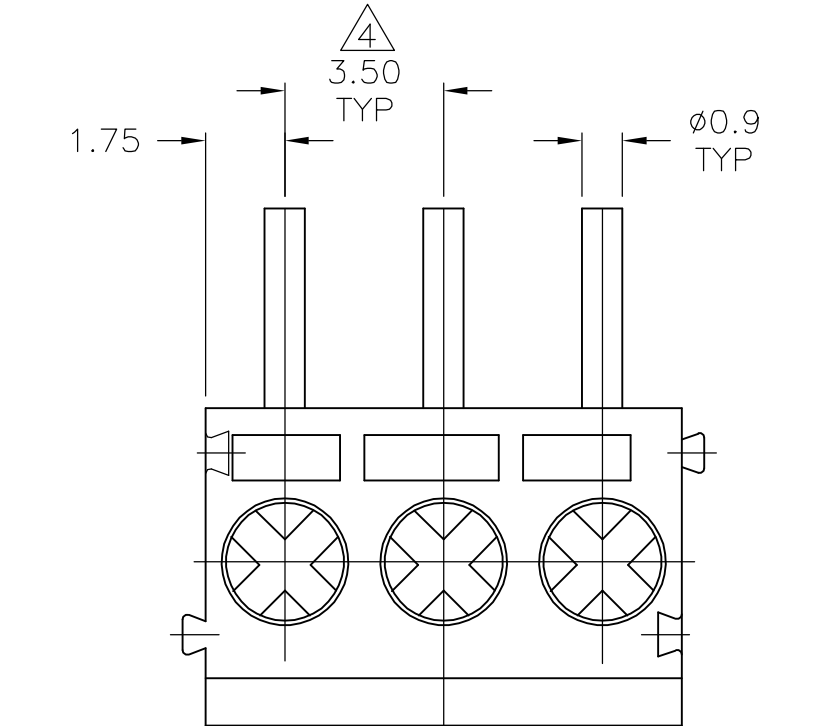
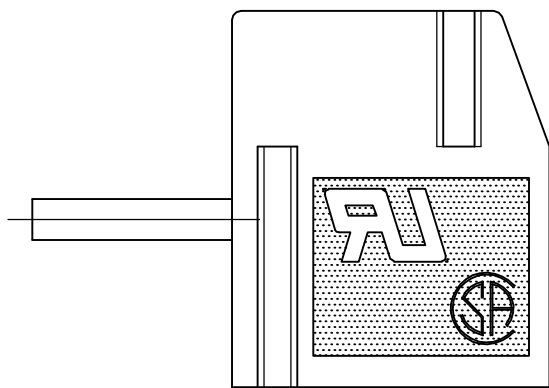


| LOC | DIST | REVISIONS |     |                          |          |     |      |
|-----|------|-----------|-----|--------------------------|----------|-----|------|
|     |      | P         | LTR | DESCRIPTION              | DATE     | DWN | APVD |
| FT  | 0    |           | 02  | REVISED PER ECO-06-24591 | 10/19/06 | SS  | CR   |

1. ALL DIMENSIONS ARE IN MM.
2. RECOMMENDED PC BOARD HOLE DIAMETER: 1.20MM TO 1.40MM.
3. BUCHANAN LOGO TO APPEAR ON HOUSING LOCATION  
OPTIONAL WHERE SPACE PERMITS.

△ 4 NON CUMULATIVE



1776253-3 AS SHOWN

|       |            |             |
|-------|------------|-------------|
| 84.00 | 24         | 2-1776253-4 |
| 80.50 | 23         | 2-1776253-3 |
| 77.00 | 22         | 2-1776253-2 |
| 73.50 | 21         | 2-1776253-1 |
| 70.00 | 20         | 2-1776253-0 |
| 66.50 | 19         | 1-1776253-9 |
| 28.00 | 18         | 1-1776253-8 |
| 59.50 | 17         | 1-1776253-7 |
| 56.00 | 16         | 1-1776253-6 |
| 52.50 | 15         | 1-1776253-5 |
| 49.00 | 14         | 1-1776253-4 |
| 45.50 | 13         | 1-1776253-3 |
| 42.00 | 12         | 1-1776253-2 |
| 38.50 | 11         | 1-1776253-1 |
| 35.00 | 10         | 1-1776253-0 |
| 31.50 | 9          | 1776253-9   |
| 28.00 | 8          | 1776253-8   |
| 24.50 | 7          | 1776253-7   |
| 21.00 | 6          | 1776253-6   |
| 17.50 | 5          | 1776253-5   |
| 14.00 | 4          | 1776253-4   |
| 10.50 | 3          | 1776253-3   |
| 7.00  | 2          | 1776253-2   |
| DIM A | NO OF POSN | PART NUMBER |

|                                        |  |                                        |  |                                                                                                |                    |                         |                    |
|----------------------------------------|--|----------------------------------------|--|------------------------------------------------------------------------------------------------|--------------------|-------------------------|--------------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT. |  | DWN<br>S SCHLEGEL<br>5/6/05            |  | <b>tyco</b><br><b>Electronics</b><br>Tyco Electronics Corporation<br>Harrisburg, Pa 17105-3608 |                    |                         |                    |
| DIMENSIONS:                            |  | CHK<br>C RICHARD<br>5/6/05             |  |                                                                                                |                    |                         |                    |
| mm                                     |  | TOLERANCES UNLESS OTHERWISE SPECIFIED: |  | NAME                                                                                           |                    |                         |                    |
|                                        |  | APVD<br>C RICHARD<br>5/6/05            |  | TERMINAL BLOCK, PCB MOUNT, STRAIGHT<br>TOP WIRE ENTRY, W/ INTERLOCK<br>3.5MM PITCH, HIGH TEMP  |                    |                         |                    |
|                                        |  | PRODUCT SPEC<br>—                      |  |                                                                                                |                    |                         |                    |
|                                        |  | APPLICATION SPEC<br>—                  |  |                                                                                                |                    |                         |                    |
|                                        |  | WEIGHT<br>—                            |  |                                                                                                |                    |                         |                    |
| MATERIAL<br>—                          |  | FINISH<br>—                            |  | SIZE<br>A2                                                                                     | CAGE CODE<br>00779 | DRAWING NO<br>C=1776253 | RESTRICTED TO<br>— |
| CUSTOMER DRAWING                       |  |                                        |  | SCALE<br>NTS                                                                                   | SHEET<br>1 of 2    | REV<br>02               |                    |

4

3

2

1

THIS DRAWING IS UNPUBLISHED.

RELEASED FOR PUBLICATION

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LOC  
FT

DIST  
0

REVISIONS

| P | LTR | DESCRIPTION | DATE | DWN | APVD |
|---|-----|-------------|------|-----|------|
|   | —   | SEE SHEET 1 | —    | —   | —    |

1. APPLICATION AND FEATURES:

1-1. STANDARD SIZES ARE 2 AND 3 WAY-BLOCKS, BUT EVERY NUMBER OF CONTACT CAN BE COMBINED, BY SIMPLY PLUGGING THEM TOGETHER AND CAN BE ORDERED AS REQUIRED.

1-2. WITH WIRE GUARD FOR WIRE PROTECTION SO THAT THE SCREW DOESN'T PRESS DIRECTLY ON THE WIRE.

2. TECHNICAL DATA:

2-1. MATERIAL:

2-1-1. HOUSING: NYLON 6.6, UL 94 V-0, BLUE.

2-1-2. METAL HOUSING: BRASS(Cu Zn)  
Cu, TIN PLATED.

2-1-3. WIRE GUARD: STAINLESS STEEL.

2-1-4. SCREW: STEEL GALVANIZED AND CHROMATIZED, M2.6.

2-2. ELECTRICAL:

2-2-1. CURRENT RATING: RATING: 7 AMPS/WAY MAX.

2-2-2. CONTACT RESISTANCE: 20mΩ (MAX).

2-2-3. INSULATION RESISTANCE: 5000MΩ/1000V.

2-2-4. WITHSTANDING VOLTAGE: 1500 VAC/MIN.

2-2-5. OPERATION VOLTAGE: 250 VAC.

2-2-6. WIRE RANGE: 18-26 AWG.

2.3. MECHANICAL:

2-3-1. TORQUE: 4 Kg.cm (MAX).

2-3-3. OPERATING TEMPERATURE: -55°C to +105°C.

2-3-4. SOLDERABILITY: 95% COVERAGE (MIN).

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:  
mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:

|        |   |      |
|--------|---|------|
| 0 PLC  | ± | —    |
| 1 PLC  | ± | 0.3  |
| 2 PLC  | ± | 0.25 |
| 3 PLC  | ± | —    |
| 4 PLC  | ± | —    |
| ANGLES | ± | —    |

MATERIAL

—

DWN  
S SCHLEGEL  
5/6/05

CHK  
C RICHARD  
5/6/05

APVD  
C RICHARD  
5/6/05

PRODUCT SPEC

—

APPLICATION SPEC

—

WEIGHT

—

CUSTOMER DRAWING

5/6/05

5/6/05

5/6/05

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tyco  
Electronics

Tyco Electronics Corporation  
Harrisburg, Pa 17105-3608

NAME

TERMINAL BLOCK, PCB MOUNT, STRAIGHT  
TOP WIRE ENTRY, W/ INTERLOCK  
3.5MM PITCH, HIGH TEMP

SIZE

A2

CAGE CODE

00779

DRAWING NO

C=1776253

RESTRICTED TO

—

SCALE

NTS

SHEET

2 OF 2

REV

02

1776253

B

A

AMP 1471-9 REV 31MAR2000

# Mouser Electronics

Authorized Distributor

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[1-1776253-0](#)